

Nebraska Department of Natural Resources

**6831500 Frenchman Creek near Imperial
Q, WATER YEAR OCT 2013 TO SEP 2014
Daily Mean Values**

Day	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14
1	2.5	3.0	3.3	3.3	3.6	3.0	3.6	3.9	4.1	3.7	2.5	2.3
2	2.6	3.1	3.4	3.3	3.5	3.0	3.7	3.9	3.8	3.6	2.4	2.3
3	2.7	3.1	3.3	3.3	3.5	3.1	3.9	4.0	3.6	3.4	2.3	2.2
4	2.8	3.0	3.2	3.3	3.2	3.4	4.0	3.9	3.4	3.6	2.2	2.1
5	2.8	3.6	2.9	3.2	3.3	3.5	4.1	3.9	3.3	4.1	2.1	2.3
6	2.8	3.5	3.1	3.1	3.2	3.5	4.0	3.9	3.8	3.8	2.2	2.3
7	2.8	3.2	3.0	3.2	3.2	3.4	4.0	3.9	4.3	3.7	2.4	2.3
8	2.7	3.2	3.0	3.3	3.3	3.3	4.2	4.2	4.2	3.5	2.6	2.3
9	2.7	3.2	3.0	3.4	3.4	3.3	4.2	4.0	7.9	3.5	2.6	2.3
10	2.8	3.2	3.0	3.4	3.4	3.3	4.1	3.8	5.9	3.4	2.4	2.3
11	2.9	3.2	3.1	3.4	3.4	3.3	4.2	3.8	4.6	3.4	2.3	2.5
12	2.8	3.2	3.1	3.3	3.4	3.3	4.3	6.0	4.0	3.5	2.3	2.7
13	2.8	3.2	3.2	3.3	3.5	3.5	4.6	4.8	3.7	3.5	2.2	2.7
14	3.0	3.2	3.2	3.3	3.6	3.7	5.0	4.2	3.6	3.5	2.1	2.6
15	2.9	3.2	3.2	3.3	3.6	3.4	4.9	3.8	3.8	3.3	2.0	2.5
16	3.0	3.1	3.2	3.2	3.6	3.4	4.7	3.7	3.6	3.5	2.0	2.4
17	3.0	3.2	3.1	3.2	3.8	3.6	4.6	3.8	3.4	3.6	2.0	2.4
18	3.0	3.2	3.2	3.3	3.7	3.7	4.5	3.7	3.3	3.6	1.9	2.4
19	3.0	3.2	3.2	3.3	3.6	3.8	4.4	3.4	3.7	3.4	1.9	2.3
20	3.0	3.3	3.2	3.5	3.4	3.7	4.4	3.3	3.5	3.2	2.0	2.2
21	3.0	3.3	3.2	3.3	3.5	3.6	4.3	3.3	3.3	3.0	2.1	2.2
22	3.0	3.3	3.2	3.4	3.4	3.6	4.2	3.4	3.4	2.8	2.0	2.3
23	3.0	3.3	3.2	3.3	3.6	3.7	4.1	4.3	3.7	2.9	2.4	2.3
24	3.0	3.4	3.3	3.5	3.5	3.7	4.0	4.6	3.7	2.9	2.6	2.3
25	3.1	3.4	3.4	3.7	3.3	4.0	4.1	3.9	3.5	2.8	2.3	2.3
26	3.0	3.4	3.3	3.6	3.2	3.6	4.0	3.8	3.9	2.7	3.1	2.3
27	3.0	3.3	3.3	3.4	3.2	3.5	3.9	3.7	5.6	2.6	2.6	2.3
28	3.0	3.3	3.3	3.4	3.2	3.4	4.0	3.4	6.0	2.6	3.4	2.2
29	3.0	3.3	3.3	3.5	---	3.3	4.0	3.4	4.9	2.5	2.7	2.3
30	3.0	3.3	3.3	3.6	---	3.3	3.9	3.4	4.1	2.7	2.5	2.6
31	3.0	---	3.3	3.7	---	3.5	---	5.3	---	2.7	2.3	---
Total	89.7	97.4	99	104.3	96.1	107.4	125.9	122.4	123.6	101	72.4	70.5
Mean	2.89	3.24	3.19	3.37	3.44	3.46	4.19	3.94	4.12	3.26	2.33	2.35
Max	3.1	3.6	3.4	3.7	3.8	4.0	5.0	6.0	7.9	4.1	3.4	2.7
Min	2.5	3.0	2.9	3.1	3.2	3.0	3.6	3.3	3.3	2.5	1.9	2.1
AC-FT	178	193	196	207	191	213	250	243	245	200	144	140
CAL YEAR	2013	TOTAL	1355	MEAN	3.71	MAX	9.0	MIN	1.7	AC-FT	2690	
WTR YEAR	2014	TOTAL	1210	MEAN	3.31	MAX	8.0	MIN	1.9	AC-FT	2400	

Legend: *e' Estimated

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by J A MARBURGER

REPUBLICAN RIVER BASIN
FRENCHMAN CREEK near Imperial, 06831500

LOCATION.

SW1/4NW1/4 Sec. 3-5-38 W., Chase County, Lat. 40°25'45", Long. 101°37'25", on right bank, 0.2 mile downstream from bridge on county road; 5.8 miles upstream from Enders Dam; 1 mile east and 6.1 miles south of Imperial.

DRAINAGE AREA.

880 square miles, approximately 720 square miles contributes directly to surface runoff.

GAGE.

Continuous stage recorder. Elevation of the gage is approximately 3130 feet from topographic map.

PERIOD OF RECORD.

1940-present (published as Frenchman River near Imperial 1965-1972)

REMARKS.

Published by the USGS up to Oct. 1, 1994. Records are fair, excepted estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.

Peak discharge 3,780 cubic feet per second June 12, 2007, gage height 10.01 feet; minimum daily discharge 1.7 cubic feet per second July 24 & 25, 2003 and July 31, August 1 and 6, 2006.

EXTREMES FOR CURRENT YEAR.

Peak discharge 9.4 cubic feet per second June 9, gage height 1.09 feet; minimum daily discharge 1.9 cubic feet per second August 18 & 19.